Screeny Printing Plates G-Line & C-Line

												Tactile				
Designation		**QMG**	**QMC**	**KFG**	**KMG**	**KSC**	**RSG**	**RSC**	**OVG**	**OVC**	**GLC**	**JLC**	**DWG**	**DYG**	**BYG**	**BUG**	**BZG**
Solids		■	●	▲	●	●	■	■	●	■	■	■	■	●	●	●	▲
Text and lines	rough	■	■	▲	■	■	■	■	■	●	●	▲	■	■	■	■	■
	fine	■	■	■	■	■	●	●	▲	▲	▲	▲	–	–	–	–	–
Halftone printing		■	■	●	▲	▲	–	▲	–	–	–	–	–	–	–	–	–
Relief		–	–	–	–	–	–	–	–	▲	▲	▲	●	■	■	■	■
Opacity		●	●	▲	●	●	■	■	●	●	●	■	–	■	■	■	–

■ excellent ● good ▲ acceptable – not suitable

Technical data - print																	
Thickness of ink layer*	µm	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	40	90	120	170	280
Line-width resolution*	µm	115	100	115	125	100	150	125	170	150	200	200	300	250	400	400	400
*The values indicated apply to standard conditions																	
Technical data - stencil																	
Exposure factor*		0.8	0.8	0.8	1.0	1.2	1.0	1.2	1.5	1.5	1.5	1.7	2	4	4	4	10
Plate thickness	µm	60	55	49	64	50	66	73	58	74	92	102	163	220	210	280	380
Mesh count	meshes / inch	**370**	**370**	**325**	**325**	**325**	**290**	**280**	**230**	**230**	**200**	**165**	**88**	**100**	**64**	**64**	**64**
Open screen surface	%	16	26	19	20	33	21	34	25	44	43	40	39	36	56	56	56
Mesh size	µm	25	35	34	35	46	40	53	56	73	83	97	180	165	265	265	265
Vth	cm3/m2	9.6	14.3	9.3	12.8	16.5	13.9	24.8	14.5	32.6	39.6	40.8	63.6	79.2	117.6	156.8	212.8
EoM	µm	3	3	3	3	6	3	6	3	6	6	6					
Tolerance	µm	1	1	1	1	1	1	1	1	1	1	1					
*Determine optimum exposure using UGRA control wedge																	